Yu, et al. Docket No. PF343P1D1 Title: Neutrokine- α Filed: December 16, 2003

1	AAAT	TCA	GGA	IAA	CIC	ICC	IGA	GGG	GIG	AGC	CAA	GCC	CIG	CCA	IGI.	AG I	GCA	CGC	AGG	AC
61	ATCA	ACA	AAC	ACA	GAT	AAC	AGG	AAA	TGA	TCC	ATT	CCC	TGT	GGT	CAC	TTA	тс	TAA	AGG	CC
121 1	CCAA	ССТ	TCA	AAG	TTC	AAG	TAG	TGA	TAT M	GGA D	TGA D		CAC T		AA G R		GCA Q		ACG R	
181 13	TTAC T		TTG C		• •						GAA K					TGT V	TTC S	CAT I	CCT L	CC P
241 33	CACG R										CAA K									
301 53	TGCT <u>L</u>										GGT V									
361 73	TGCA Q	AGG G									AGCT L								GCT L	
421 93	CAGC A	_	AGC A	AGG G		CCC P	CAA K	GGC A	CGG G	CCT L	GGA E	GGA E	AGC A		AGC . A	TGT V	CAC T	CGC A		AC L
481	TGAA																			
113	K	Ι	F	E	Р	P	Α	Р	G	Ł	G	N	5	S	Q	N	S	R	N	K
541 133	AGCG R			TCA 0	GGG G	TCC P		AGA E				TC# Q	AGA D		CTT			GAT I		AG D
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FIG.1A

Yu, et al. Docket No. PF343P1D1 Title: Neutrokine-α

Filed: December 16, 2003

ACAGTGAAACACCAACTATACAAAAAGGATCTTACACATTTGTTCCATGGCTTCTCAGCT 601 S E T P T I O K G S Y T F V P W L L S F 153 TTAAAAGGGGAAGTGCCCTAGAAGAAAAAGAGAATAAAATATTGGTCAAAGAAACTGGTT 661 173 K R G S A L E E K E N K I L V K E T G Y ACTITITATATATGGTCAGGTTTTATATACTGATAAGACCTACGCCATGGGACATCTAA 721 F F I Y G Q V L Y T D K T Y A M G H L I 193 TTCAGAGGAAGAAGGTCCATGTCTTTGGGGATGAATTGAGTCTGGTGACTTTGTTTCGAT 781 QRKKVHVFGDELSLVTLFRC 213 GTATTCAAAATATGCCTGAAACACTACCCAATAATTCCTGCTATTCAGCTGGCATTGCAA 841 IQNMPETLPNNSCYSAGIAK 233 AACTGGAAGAAGAAGAACTCCAACTTGCAATACCAAGAGAAAAATGCACAAATATCAC 253 LEEGDELOLAIPRE TGGATGGAGATGTCACATTTTTTGGTGCATTGAAACTGCTGTGACCTACTTACACCATGT 961 DGDVTFFGALKLL 273 1021 1081 CCAAAAAAAAAAAAAAAAA

FIG.1B

TNFalpha TNFbeta LTbeta FASL Neutrokine alpha	TNFalpha TNFbeta LTbeta FASL Neutrokine alpha	TNFalpha TNFbeta LTbeta FASL Neutrokine alpha	TNFalpha TNFbeta LTbeta FASL Neutrokine alpha
ш . % > %		$0 > F \times A$	В — Ш В — П — С В — П — С
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FIG.2A

Yu, et al. Docket No. PF343P1D1 Title: Neutrokine-α Filed: December 16, 2003

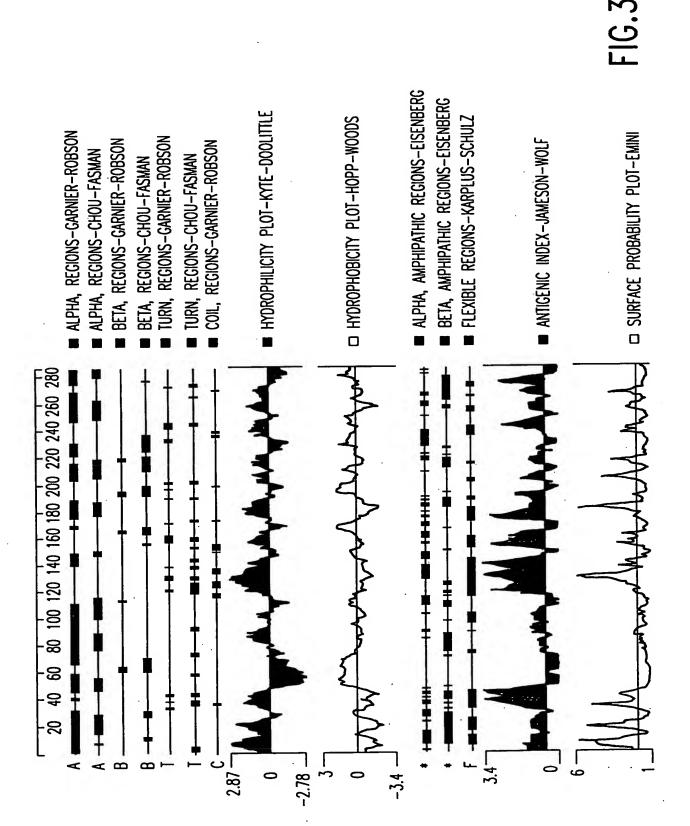
TNFalpha TNFbeta LTbeta FASL Neutrokine alpha	TNFalpha TNFbeta LTbeta FASL Neutrokine alpha	TNFalpha TNFbeta LTbeta FASL Neutrokine alpha	TNFalpha TNFbeta LTbeta FASL Neutrokine alpha
S L I S P L A Q A V R S S S R T P S D II P S A A Q T A R Q H P K M H L A H S T Q Q G L G F Q K L P E E F P E II D L S P G H II A S S L E K Q I G H P S P P F K K E E G N S S Q N S R N K R A V Q G P E E T V	N P Q A E G - Q L Q W L N R R A P L K - G Q G L G W E T I K K S N S R S M P L E W E D I Y B S E T P T I Q K G S Y T F V P W L	E L R D N - Q L V V S L S N N - S L L V Q F S D A E G L A L K Y K K G - G L V I L V I L V	- S P K A P S S P L Y L A H E V Q L F S S G G D P Q G R S V T L R S S L Y R A G G G D P Q G R S V T L R S S L Y R A G G G D P Q G R S V T L R S S L Y R A G G G M S V T L R S S L Y R A G G G M S V T L R S S L Y R A G G G M S V T L R S S L Y R A G G G M S V T L R S S L Y R A G G G M S V T L R S S L Y R A G G G M S V T L R S S L Y R A G G G M S V T L R S S L Y R A G G G M S V T L R S S L Y R R N S M G H L I Q R K K V H V F G D
61 E E S P R D L 41	- K P V A H V V A L K P A A H L I G L R K V A H L T G T Q D C L Q L I A	109 ANALLANGV 84 DRAFLQDGF 109 EQAFLTSGT 167 GIVLL-SGV 170 - LSFKRGSA	V L F K G Q G C - V V F S G K A Y - V G Y R G R A P P V Y F R G Q S C - V T D K T Y A

Yu, et al. Docket No. PF343P1D1 Title: Neutrokine- α Filed: December 16, 2003

TNFalpha TNFbeta LTbeta FASL Neutrokine alpha	TNFalpha TNFbeta LTbeta FASL Neutrokine alpha	TNFalpha TNFbeta LTbeta FASL Neutrokine alpha
K V N L L S A I K S P C Q R E T P E G A E A H V P G L Q L Q T P E L L L S S Q K M V Y P G L Q G T P E L L L E G A E T V T P V L D P A R R Q G Y G D L V M M E G K M M S Y C T T G	E P I Y L G G V F Q L E K G D R L S A E I N R P D Y H S M Y H G A A F Q L T Q G D Q L S T H T D G I P H T S V G F G G L V Q L R R G E R V Y V N I S H P D M R S S Y L G A V F N L T S A D H L Y V N V S E L S L N S C Y S A G I A K L E E G D E L Q L A I P R E N A	E S G G V Y F G I I A L P S - T V F F G A F A L R - G K T F F G A V M V G E S - Q T F F G L Y K L D G D V T F F G A L K L P G A L K L
S	7	L V L S P V V D P A B V N P E E E
162 141 169 217 223		

Yu, et al. Docket No. PF343P1D1

Title: Neutrokine-α Filed: December 16, 2003



Docket No. PF343P1D1

Yu, et al. Docket I Title: Neutrokine-α Filed: December 16, 2003

HSOAD55R HNEDU15X HSLAH84R HLTBM08R	AAATTCA .AATTCGGCA	GGNTAACTCT GGATAACTCT NAGNAAACTG GAGCAAGGCC	CCTGAGGGGT GTTACTTTTT	GAGCCAAGCC TATATATGGT	CTGCCATGTA CAGGTTTTAT
HSOAD55R HNEDU15X HSLAH84R HLTBM08R	GTGCACGCAG ATACTGATAA	GACATCANCA GACATCAACA GACCTACGCC TCTTTGAACC	AACACAGA ATGGGACATC	TAACAGGAAA TAGTTCAGAG	TGATCCATTC GAAGAAGGTC
HSOAD55R HNEDU15X HSLAH84R HLTBM08R	CCTGTGGTCA CATGTCTTTG	CTTATTCTAA CTTATTCTAA GGGATGAATT AATAAGCGTG	AGGCCCCAAC GAGTCTGGTG	CTTCAAAGTT ACTTTGTTTC	CAAGTAGTGA GATGTATTCA
HSOAD55R HNEDU15X HSLAH84R HLTBM08R	TATGGATGAC AAATATGCCT	TCCACAGAAA TCCACAGAAA GAAACACTAC GCAACTGNTT	GGGAGCAGTC CCAATAATTC	ACGCCTTACT CTGCTATTCA	TCTTGCCTTA GCTGGCATTG
HSOAD55R HNEDU15X HSLAH84R HLTBM08R	AGAAAAGAGA CAAAACTGGN	AGAAATGAAA AGAAATGAAA AGGAAGGA TGNTGCCACA	CT.GAAGGAGGATGAAC	TGTGTTTCCA TCCAACTTGC	TCCTCCCACG AATACCAGGG
HSOAD55R HNEDU15X HSLAH84R HLTBM08R	GAAGGAAAGC GAAAATGCAC	CCCTCTNTCC CCCTCTGTCC AATTATCACT TTTTGCCAAA	GATCCTCCAA GGGATGGAGA	AGACGGAAAG TGTTCACATT	CTGCTGGCTG TTTTGGGTGC
HNEDU15X	301 CAACCTTGNT CAACCTTGCT CATTGAAACT CAAAGGAAAA	GCTGGCACTG	CTGTCTTGCT NCTTACANCA	GCCTCACGGT NGTGCTGTTN	GGTGTCTTTC GCTATTTTNC
HSLAH84R	TACCAGGTGG CTNCCTNTTC AAGTTTTAAA	TNTGGTAACC	TCTTAGGAAG	GAAGGATTCT	TAACTGGGAA

Yu, et al. Docket No. PF343P1D1 Title: Neutrokine-α Filed: December 16, 2003

	401				450
HSOAD55R HNEDU15X HSLAH84R HLTBM08R	GCAGGGCCAC ATAACCCAAA	AAAANNTTAA	AGCTGCCAGC ANGGGTANGN	AGGAGCAGGA GNNANANGNG AGGTTTNTAT	GCCCCCAAGG GGGNNGTTNN
	451	•			500
HSOAD55R HNEDU15X HSLAH84R HLTBM08R	CNNGNNGNNT	GGAAGCTCCA TTTNGGNNTA	GCTGTCACCG TNTTNTNNTN	CGGGACTGAA GGGNNNNGTA NCNNTCTTTT	AATCTTTGAA AAAATGGGGC
	501				550
HSOAD55R HNEDU15X HSLAH84R				CAGAACAGCA	
HLTBM08R					
	551			·	600
HSOAD55R HNEDU15X	TGCCGTTCAG	GGTCCAGAAG	AAACAGTCAC	TCAAGACTGC	TTGCAACTGA
HSLAH84R HLTBM08R					
irribulook	• • • • • • • • • •	• • • • • • • • • •		• • • • • • • • • •	
	C01				650
HSOAD55R	601			• • • • • • • • • •	650
HNEDU15X	TTGCAGACAG			AAGGATCTTA	CACATTTGTT
	TTGCAGACAG		• • • • • • • • •	AAGGATCTTA	CACATTTGTT
HNEDU15X HSLAH84R HLTBM08R	TTGCAGACAG		• • • • • • • • •		CACATTTGTT
HNEDU15X HSLAH84R	TTGCAGACAG				CACATTTGTT 700
HNEDU15X HSLAH84R HLTBM08R HSOAD55R HNEDU15X HSLAH84R	TTGCAGACAG 651 CCATGGCTTC	TCAGCTTTAA	AAGGGGAAGT	GCCCTAGAAG	CACATTTGTT 700 AAAAAGAGAA
HNEDU15X HSLAH84R HLTBM08R HSOAD55R HNEDU15X	TTGCAGACAG 651 CCATGGCTTC	TCAGCTTTAA	AAGGGGAAGT	GCCCTAGAAG	700 AAAAAGAGAA
HNEDU15X HSLAH84R HLTBM08R HSOAD55R HNEDU15X HSLAH84R	TTGCAGACAG 651 CCATGGCTTC 701	TCAGCTTTAA	AAGGGGAAGT	GCCCTAGAAG	700 AAAAAGAGAA 750
HNEDU15X HSLAH84R HLTBM08R HSOAD55R HNEDU15X HSLAH84R HLTBM08R HSOAD55R HNEDU15X	TTGCAGACAG 651 CCATGGCTTC 701 TAAAATATTG	TCAGCTTTAA	AAGGGGAAGT	GCCCTAGAAG	700 AAAAAGAGAA 750
HNEDU15X HSLAH84R HLTBM08R HSOAD55R HNEDU15X HSLAH84R HLTBM08R HSOAD55R	TTGCAGACAG 651 CCATGGCTTC 701 TAAAATATTG	TCAGCTTTAA	AAGGGGAAGT	GCCCTAGAAG	700 AAAAAGAGAA 750 GGTCAGGTTT
HNEDU15X HSLAH84R HLTBM08R HSOAD55R HNEDU15X HSLAH84R HLTBM08R HSOAD55R HNEDU15X HSLAH84R HLTBM08R	TTGCAGACAG 651 CCATGGCTTC 701 TAAAATATTG	TCAGCTTTAA	AAGGGGAAGT	GCCCTAGAAG	700 AAAAAGAGAA 750 GGTCAGGTTT
HNEDU15X HSLAH84R HLTBM08R HSOAD55R HNEDU15X HSLAH84R HLTBM08R HSOAD55R HNEDU15X HSLAH84R HLTBM08R	TTGCAGACAG 651 CCATGGCTTC 701 TAAAATATTG 751	TCAGCTTTAA	AAGGGGAAGT	GCCCTAGAAG	700 AAAAAGAGAA 750 GGTCAGGTTT 800
HNEDU15X HSLAH84R HLTBM08R HSOAD55R HNEDU15X HSLAH84R HLTBM08R HSOAD55R HNEDU15X HSLAH84R HLTBM08R	TTGCAGACAG 651 CCATGGCTTC 701 TAAAATATTG 751 TATATACTGA	TAAGACCTAC	AAGGGGAAGT CTGGTTACTT GCCATGGGAC	GCCCTAGAAG	700 AAAAAGAGAA 750 GGTCAGGTTT 800 GAGGAAGAAG

Docket No. PF343P1D1

Yu, et al. Docket No. PF Title: Neutrokine-α Filed: December 16, 2003

	801				850
HSOAD55R HNEDU15X	GTCCATGTCT	TTGGGGATGA	ATTGAGTCTG	GTGACTTTGT	TTCGATGTAT
HSLAH84R	• • • • • • • •		• • • • • • • • •		• • • • • • • • • •
HLTBM08R		• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • •
	851				900
HSOAD55R HNEDU15X	TCAAAATATC	CCTCAAACAC	TACCCAATAA	TTCCTCCTAT	
HSLAH84R	ICAAAAIAIG	CCTGAAACAC	IACCCAATAA	TICCIGCIAI	TCAGCTGGCA
HLTBM08R				• • • • • • • • • • • • • • • • • • • •	
UCOADEED	901				950
HSOAD55R HNEDU15X	TTGCAAAACT	GGAAGAAGGA	GATGAACTCC	AACTTGCAAT	ACCAAGAGAA
HSLAH84R					
HLTBM08R	• • • • • • • • • • • • • • • • • • • •		• • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	
	951				1000
HSOAD55R	• • • • • • • • • • • • • • • • • • • •		•••••	• • • • • • • • • • • • • • • • • • • •	
HNEDU15X	AATGCACAAA	TATCACTGGA			GTGCATTGAA
HSLAH84R HLTBM08R	• • • • • • • • •		• • • • • • • • •		
HEIDHOOK	• • • • • • • • •	• • • • • • • • •	•••••		
	1001				1050
HSOAD55R HNEDU15X	ACTOCTOTOA	CCTACTTACA	CCATCTCTCT	ACCTATTTC	CTCCCTTTCT
HSLAH84R	ACTGCTGTGA	CCIACTIACA	CCATGICIGI	AGCIAITIC	CICCCITICI
HLTBM08R					
	1051				1100
HSOAD55R					
HNEDU15X					
HSLAH84R		• • • • • • • • • •			
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